|                           |          | or additional cross refe | (CHCES)                                 |
|---------------------------|----------|--------------------------|---|
| POSITION                  | INITIALS | ID NO.                   | PATE                                    |
|                           | () A     |                          | 9/4/01/1                                |
| FEE DETERMINATION         |          | 10.00                    |   |
| O.I.P.E. CLASSIFIER       | 77.5     | Wen                      | 91300                                   |
| FORMALITY REVIEW          | HL       | 1079                     | Idiosia                                 |
| RESPONSE FORMALITY REVIEW | 7.       |                          |   |
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## INDEX OF CLAIMS

| • | Rejected                   | N |                  | Non-elected  |
|---|----------------------------|---|------------------|--------------|
|   | Allowed                    |   |                  | Interference |
| _ | (Through numeral) Canceled | Ą |                  | Appeal       |
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|       | Ĭk.      |              |               |          |               |    | ÷        | ÷        | ••• | ••••     | ••••    | • • • •      | ••••    | •••      | ••• | • |
|-------|----------|--------------|---------------|----------|---------------|----|----------|----------|-----|----------|---------|--------------|---------|----------|-----|---|
| C     | aim      |              |               |          | -             |    | D        | ate      |     | _        | _       | _            |         |          | ٦   |   |
| U     |          | 100          | <u> </u>      | ,        | $\overline{}$ | _  | Ľ        | T        | _   | Т        | Т       | Т            | -       |          | 4   |   |
|       | Original | 133          | 13            | t        |               |    |          |          |     |          | 1       | ı            |         |          |     |   |
| Final | 臣        | 1/2/21       | 1             | ł        |               |    |          | 1        |     |          | ľ       | 1            |         |          | ı   |   |
| 14    | 18       |              | 04            | 1        | +             |    | <u> </u> | +        |     | L        | +       | 4            |         |          | 4   |   |
|       | 4        | 1            | _             | L        | 4             | _  | L        | 4        |     | L        | 1       | 4            | _       |          | 4   |   |
|       | 8        | _            | <u>L</u>      | L        | 1             | _  | L        | ↓        | _   | L        | L       |              |         |          | 1   |   |
|       |          | /            | 1             | ı        | ł             |    |          | ŀ        |     |          |         |              |         |          | 7   |   |
|       | I        | 7            |               | 7        | Т             |    |          | Т        |     |          | T       | 7            |         |          | 1   |   |
|       | (3)      | 1            | 7             | F        | Т             |    |          | Τ        |     |          | Т       | T            | П       |          | 7   |   |
|       | VE       | 7            | •             |          |               |    |          | T        |     |          | T       | 1            |         |          | 1   |   |
| 1911  | 7        | 7            | V             |          | †             | ┪  |          | †        |     |          | 1       | †            | 7       |          | 1   |   |
| -     | 8        | 7            | . 7           | -        | +             | ┪  |          | +        | _   | -        | t       | $^{\dagger}$ | +       | _        | 1   |   |
|       | 9        | 7            | <b>Y</b>      | -        | ╁             | ┪  |          | ╁        | ۲   | _        | ╁       | +            | +       |          | 1   |   |
| 1000  | i        | 7            | V             | $\vdash$ | +             | -  | -        | +        | -   |          | +       | +            | -       | -        | 1   |   |
| 2     | 9        | Ε,           | -             | -        | ╀             | 4  |          | ╀        | 4   |          | +       | +            | 4       | -        | -   |   |
| 1     | 7        | 2            | L_,           | L        | ╀             | 4  | _        | +        | 4   |          | ¥       | 4            | 4       |          | 1   |   |
|       | 0        | 1            | V             | _        | 1             | 4  |          | 1        | Ц   | _        | $\perp$ | 1            | 4       |          | 1   |   |
|       | X        | 4            |               |          | ┸             | Ц  |          | L        | ⅃   |          | L       | $\perp$      | ╛       |          | 1   |   |
| ,     | (4)      | 1            |               | L        | $\perp$       |    |          | L        | J   |          | L       | ⊥            | $\prod$ |          | 1   |   |
| mar.  | 15       | 7            | I             |          | Γ             | J  |          | Ĺ        | _]  |          |         | Τ            | T       |          | 1   |   |
|       | 16       | 1            | T             |          |               | T  |          | Γ        | Ī   |          | Γ       | T            | T       |          | 1   |   |
|       | 17       | J            |               | 1        | T             | 1  |          | T        | 1   |          | T       | T            | 7       |          | 1   |   |
|       | 18       | Z            | $\mathcal{U}$ |          | Ť             | 1  | _        | t        | 1   | _        | T       | $\dagger$    | _       |          | 1   |   |
| -     | 19       | _            | ٦             |          | t             | 7  | -        | t        | 7   | _        | ۲       | +            | $^{+}$  |          | 1   |   |
|       | 20       | -            | -             | -        | ╁             | +  |          | ╁        | ┪   | _        | ╁       | ╁            | +       |          | 1   |   |
|       |          |              | _             |          | ┞             | 4  |          | ╀        | 4   |          | L       | 1            | 4       | _        |     |   |
|       | 21       | _            |               |          | L             | 4  | <u> </u> | L        | 4   |          | L       | ╀            | 4       |          | l   |   |
|       | 22       |              |               |          | L             | 4  |          | L        | 1   |          | L       | 1            | 1       |          |     |   |
|       | 23       | 1            |               |          | L             | 1  |          | L        | ┙   |          | L       |              |         |          |     |   |
|       | 24       |              |               |          | L             | 1  |          |          | 1   |          |         |              |         |          |     |   |
|       | 25       | 3            |               |          | L             | .[ |          |          | Ī   |          |         |              | T       |          |     |   |
|       | 26       | *            |               |          |               | Τ  |          | Γ        | T   |          | Г       | Т            | T       |          | l   |   |
| T     | 27       |              | ヿ             |          | Γ             | 7  |          | T        | Ť   |          | Г       | 1            | †       | Т        |     |   |
|       | 28       | ヿ            |               |          | T             | Ť  |          | T        | †   |          | Т       | t            | Ť       |          |     |   |
|       | 29       | ┪            | T             |          |               | †  |          | H        | †   |          | -       | t            | t       |          |     |   |
| _     | 30       | _            | $\dashv$      |          | -             | t  |          | H        | t   | _        | H       | t            | $^{+}$  | $\dashv$ |     |   |
|       | 31       | $\dashv$     | +             | _        | H             | +  | _        | ┝        | t   | _        | _       | ╁            | ╁       | $\dashv$ | l   |   |
| _     | 32       | $\dashv$     | ┪             |          | ┝             | ╁  | -        | ┝        | +   | -        | _       | ╀            | +       | $\dashv$ |     |   |
|       | 33       | $\dashv$     | +             |          | H             | ╀  | _        | _        | +   | -        | _       | ╁            | +       | $\dashv$ |     |   |
|       | 34       | -            | $\dashv$      |          | $\vdash$      | +  |          | -        | ╀   | _        | _       | -            | +       | 4        |     |   |
|       |          | 4            | $\dashv$      | _        | _             | ╀  |          | <u> </u> | 1   | 4        |         | ├-           | +       | 4        |     |   |
|       | 35       | 4            | 4             | _        | _             | +  | _        |          | +   | _ļ       |         | L            | +       | 4        |     |   |
|       | 36       | 4            | 4             |          |               | Ļ  |          | _        | 1   | _        |         | L            | L       | Ц        |     |   |
|       | 37       | 4            | $\perp$       |          |               | L  |          |          | ļ   | _        |         | L            | L       | ╝        |     |   |
| _     | 38       | _            | $\perp$       |          |               | L  |          |          | Ĺ   |          |         | L            | L       | ╝        |     |   |
| _     | 39       |              | $\Box$        |          |               | Ī  |          |          | ſ   | _1       |         | Γ            | Γ       | _]       |     |   |
| 1     | 40       | T            | T             | ٦        |               | Γ  | $\neg$   |          | Γ   | ٦        |         |              | Γ       | 7        |     |   |
| _     | 41       | 7            | $\neg$        | _1       |               | t  | ٦        | _        | t   | ┪        |         | Т            | T       | ٦        |     |   |
| 1     | 2        | $\dashv$     | $\dashv$      | -        | _             | t  | -        | _        | t   | -        | _       | $\vdash$     | t       | 4        |     |   |
| 1     | 13       | +            | +             | $\dashv$ |               | ╁  | +        | _        | ╁   | $\dashv$ |         | -            | ╀       | 4        |     |   |
| 4     |          | +            | +             | -        |               | ┞  | 4        |          | ╀   | 4        |         | $\vdash$     | +       | 4        | ٠,  | • |
| +     | 44<br>15 | 4            | 4             | 4        |               | L  | 4        | _        | ╀   | 4        |         | _            | L       | 4        |     |   |
| 4     | 15       | 4            | $\bot$        | _        |               | L  | Ļ        |          | L   | ┙        |         | L            | Ĺ       | ╛        |     |   |
| 4     | 6        | $\downarrow$ | $\perp$       | _        |               | L  | _        |          | L   | Ц        |         |              | L       | _        |     |   |
| 14    | 7        |              |               |          |               | Ĺ  | J        |          | Ĺ   | T        |         |              | Ĺ       | _]       |     |   |
|       | 8        | J            |               | J        |               | Γ  | 1        |          | Γ   | 1        |         |              |         | ٦.       |     |   |
| 14    | 19       | Т            |               | T        |               | Г  | 7        |          | Т   | 7        |         |              |         | ٦        | ı   |   |

|       | Res      |          |          |              |          |          |        | )  | *      |            |       |             |     | 7            | 4.3                                     | . A        | ppe<br>bje | ai<br>cte | d   | eath) |          |          |     |         |     | 11 3000          |
|-------|----------|----------|----------|--------------|----------|----------|--------|--|--------|------------|-------|-------------|-----|--------------|---|------------|------------|-----------|-----|-------|----------|----------|-----|---------|-----|------------------|
| CI    | alm      | T        |          | -            |          | ı        | Date   |  |        |            |       |             | 7   |              | Cla                                     | im         | Π          | -         |     |       |          | Da       | tle |         | •   |                  |
| Final | Originat | ••••     | J.       | ****         |          |          |        |  | -      | S X 20 2 2 | になる。  |             |     | A            | Final                                   | Original   |            |           |     |       | 1        |          |     |         |     |                  |
| Ш     | 51       | L        | 1        | $\perp$      | _        | ┵        |        | $\perp$                                      |        | 1          | :     | 1           |     |              |   | 101        |            |           |     |       |          |          |     |         |     | 100              |
| L     | 52       | -        | +        | 4            | $\dashv$ | 4        | 4      | 4  | 1      | _          | ¥     | , <u>(3</u> | 4   |              | X.5                                     | 102        | 1000       | L         | 1   | 4     |          |          |     |         |     | i                |
| _     | 53       | L        | 4        | $\downarrow$ | $\perp$  | _        | +      | 4  | 4      | 4          | 3     |             | 34  | 100          | - 22                                    | 103        | 10.07.00   |           | 4   |       |          |          | Ш   |         |     |                  |
| Н     | 54<br>55 | ⊢        | ╀        | +            | +        | +        | +      | +  | +      |            | 13    | 13          |     |              | Å                                       | 104<br>105 | -          | H         | +   | 4     | 4        |          |     | 77.     |     |                  |
| Н     | 56       | ┝        | ╁        | +            | $\dashv$ | +        | +      | +  | +      |            |       | W           |     | ٠,           |   | 106        |            | H         | +   |       |          |          | H   | <u></u> |     |                  |
| _     | 57       | H        | t        | $\dagger$    | $\dashv$ | +        | +      | +  | 4      |            |       | - 599       |     | 1            | 3                                       | 107        |            |           | t   | Ŧ     | 3.<br>3. | , s      | H   | 4       |     | Š                |
| _     | 58       | H        | t        | $\dagger$    | 十        | +        | 1      | 4  |        |            | 7.7   |             |     | 200          | 365<br>366                              | 108        |            |           | H   | t     |          | 94       |     | d i     | 7   |                  |
|       | 59       | Т        | T        | Ť            | 十        | 1        | $\top$ | Ť  |        |            | 1     | 7           | 6   | 4.24         | -                                       | 109        |            |           | t   | Ť     |          |          | Ė   | t       | 7   |                  |
|       | 60       | Г        | Ť        | T            | $\top$   | T        | T      | 1  |        |            |       |             |     | S            | -                                       | 110        |            |           | ٢   | Ť     |          |          | Т   | Ť       | Ť   | 0.000            |
|       | 61       | Г        | Т        | T            |          | T        | 1      | T  |        |            |       | 100         | 30  |              | <b>*</b> :: (                           | 111        |            |           | T   | T     | 1        |          |     | ı       | T   |                  |
|       | 62       |          | Γ        | I            |          |          |        |  |        | 1          | 7     | 17          | ×   | 1            | ~ ~                                     | 112        |            |           | T   | T     | T        |          |     | 75 257  | ~~~ |                  |
|       | 63       |          |          | $\perp$      | $\perp$  | L        |        | 1  |        |            | 6 .   | 1           |     |              |   | 113        |            |           |     | T     | 3        |          | Ø   | Ī       |     |                  |
|       | 64       |          |          | ↓            | $\perp$  | _        | ┸      |  |        |            | 200   | 1           | . " |              |   | 114        |            |           |     |       |          |          |     |         |     |                  |
| _     | 65       | _        | Ļ        | $\perp$      | 4        |          | 1      | 4  | - 2    |            |       |             | 8   |              | -                                       | 115        |            |           | L   | L     |          |          |     | Ш       |     |                  |
| _     | 66       |          | ╀        | ╀            | +        | 4        | +      | 1  |        |            |       |             |     |              | -                                       | 116        |            |           | L   | 4     |          |          |     | L       | 1   |                  |
| -     | 67       |          | ╀        | ╀            | ╀        | ╁        | 1      | +  | +      | 1          |       |             |     |              |   | 117        |            |           |     | 4     | 4        |          |     | 4       | 4   |                  |
| -     | 68<br>69 |          | H        | ╀            | ╫        | ╀        | ╄      |  | -      | -          | 7 8   |             |     |              |   | 118        | 4          |           | ļ., | H     | 4        | 4        | *   | Ľ       | ı   | Ž                |
| -     | 70       |          | ┢        | ╀            | ╁        | +        | ╀      | ╀  | +      | +          | 4     | _           | 3.0 | 1            | C COURSE OF                             | 119        |            |           | H   | #     |          | 4        | 8   | L       |     | Š                |
| 4     | _        |          | ┞        | +            | -        | +        | ╀      | Ļ  |        | 4          |       |             | S   |              |   | 20         | _          |           |     | 1     | 4        | 2        |     | 6       |     |                  |
| ┥     | 71<br>72 |          | ╀        | ╁            | +-       | ╀        | +      | -  | -      | 4 /        | -     |             |     | H            |   | 121        | -          |           |     | ¥     | 4        | 4        |     | ļ.      | 4   |                  |
| ┥     | 73       |          | ┡        | ╁            | +        | ┿        | +      |  | 2 6    | -          | +     | -           |     |              |   | 22<br>23   | 4          |           |     |       | 4        |          |     | H       |     |                  |
| 7     | 74       |          | $\vdash$ | t            | ╁        | ╁        | +      | 10   |        |            | ***   | $\dashv$    |     | 88. <b>-</b> | 990000000000000000000000000000000000000 | 24         | $\dashv$   |           | -   | ┝     | +        | +        |     | H       |     | į                |
| 7     | 75       |          | H        | t            | ╈        | +        | -      | 1  |        |            |       | 1           |     | F            |   | 25         |            |           |     | ٠     | +        | +        |     | H       | ÷   |                  |
| ┪     | 76       |          | Т        | $^{\dagger}$ | $^{+}$   | +        | 1      | -  |        | -          | 19.00 |             |     | 1            | _                                       | 26         | 7          |           |     | H     | t        |          |     |         |     |                  |
| 7     | 77       |          |          | T            | 1        | 1        |        |  |        | 13         |       | 1           |     | ľ            |   | 27         |            |           |     |       | ۳        |          | Ŧ   | K       |     |                  |
|       | 78       |          |          |              |          |          |        |  | 1.     | × 3        | 18    | T           |     | t            |   | 28         |            |           |     |       | T        | Ť        | Ť   |         | T   | 20000            |
|       | 79       |          |          |              | L        |          |        | ÷  | 1      |            |       |             |     | ľ            | () 12                                   | 29         | T          |           |     |       |          | T        |     |         | T   |                  |
| _     | 80       |          |          | L            |          | 1.5      |        | 1  | * (35) |            |       |             |     |              | 1                                       | 30         |            |           |     |       |          |          |     |         | Г   |                  |
| ٠.    | 81       |          |          | 1            |          |          | -      |  | 1      | 7          | 9     |             |     | ě            |   | 31         |            |           |     |       |          |          | 3   |         |     |                  |
| _     | 82       | _        |          | L            | $\perp$  |          | 1.     | <u>:                                    </u> |        |            |       |             |     |              |   | 32         | 4          | Щ         |     |       | E        | )<br>(1) | 3   |         |     | į                |
| _     | 83       | 4        |          | ╀            | ╀        | 1        |        | L  | _      | -          | 18    | 1           |     |              | <i>2</i> 1:                             |            | 4          | 4         |     |       | L        | ₩.       | ì   |         |     | ļ                |
|       | 84<br>85 | $\dashv$ | _        | H            |          | 13       | -      | _  | -      | 1          |       | 4           |     | L            | 1:                                      |            | 4          | Щ         |     |       |          |          |     |         | L   |                  |
|       | B6       | $\dashv$ | _        | +            |          | -        | 977.3  | -  | +      | 1.0        | H     | +           |     | H            | ****                                    | 35<br>36   | 4          | 4         |     |       | +        |          | 4   |         |     |                  |
|       | B7       | ┪        | ž.,      |              | 1        | 1        |        | 21.  | 7,6    |            | ╁     | 1           |     | H            | 13                                      | 200        | +          | -         |     |       | g,       |          |     |         |     |                  |
| -     | 88       | 7        |          |              | 100      | -        | 1      |  | ×      |            |       | -           |     |              | 18                                      | ***        | +          | +         |     |       |          |          |     |         |     |                  |
| 1     | 89       | 1        |          | 1            | 77       |          |        | -  |        |            |       | H           |     |              | 18                                      | 311 1445   | +          | 1         |     |       | H        | ╬        | 4   |         | H   |                  |
| 1.    | 90       | 7        |          |              | 1        | 1        |        |  | -      |            |       | ۱           |     |              |   | 200        |            | Ħ         |     |       |          | i        | +   | ۳       | -   |                  |
| -     | 91       | 1        | -        |              | 1        |          |        | -  |        | 2          |       |             |     |              | 114                                     | i          |            |           | 7   | 4     | F        | ╬        | 4   |         | -   | Secretary Nation |
| -     | 92       | 7        |          |              |          | 200      |        |  | 12.3   |            |       | - 88        | N   | Ī            |   |            | 1000 1000  | Ŧ         | ᅱ   |       |          | 뉴        | )   |         |     |                  |
| -     | 93       |          | 3.3      | *            |          |          | 1.0    | *  |        |            |       | -18         |     |              |   |            | +          | Ť         |     |       |          |          |     |         |     | ı                |
|       | 94       | ů.       | 5 ,      |              |          | 2.       | 17.3   | *  |        |            |       | 1           |     | f            | 14                                      |            | T          | Ť         | 7   |       |          |          |     | Ť       |     |                  |
| 1     | 95       |          | - 16000  |              | ***      | 200      |        |  |        | 77         |       | 1           |     | ű            | 14                                      | 5 5        |            | Ť         | 7   |       | F        | F        | ì   |         |     |                  |
| 1     | 96       |          |          |              |          | 20       |        |  |        |            | 5#    | 200         |     |              |   | 6          |            | 000 E 00  | T   |       |          |          | Ħ   |         |     |                  |
| _     | 7        | $\Box$   | -        |              |          | *        |        |  |        | 1          | ř.,   |             | X.  | 73.5         |   | 7          |            |           | T   | 4     |          | ۱        | ij  |         |     |                  |
|       | 8        | Ţ        |          |              |          | }        |        |  |        |            | 2     |             |     | ×            | 14                                      | 8          |            |           |     |       |          |          | j   |         |     | į                |
|       | 9        | 1        |          |              |          | 4        |        |  |        | 41/        | *     |             |     |              | · · · · · ·                             |            |            | I         |     |       |          |          |     |         |     | ink              |
| 110   | 00       | 1        | ,        |              | ×        | <u> </u> |        | 47   | . 2    | **         |       |             |     |              | 15                                      | 0          |            |           |     |       | ä        |          |     |         |     | Contract.        |

If more than 150 claims or 10 actions staple additional sheet here

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